

ANALYSIS/ASSOCIATE ANALYSIS CENTER RESPONSE FORM
JOINT CSTG/IERS CALL FOR PARTICIPATION
INTERNATIONAL LASER RANGING SERVICE (ILRS)

Center Name: _____

Name of Primary Technical Contact: _____

Local Mailing Address for Station: _____

Phone No. (Inc. Country Code): _____ Onsite FAX No.: _____

E-mail Address: _____ Center Web Site: _____

Parent/Funding organization: _____

Status being applied for (Check one: see ILRS Terms of Reference): Analysis _____ Associate _____

List analysis software packages used: _____

Computational Hardware Available: _____

Manpower dedicated to SLR Analysis (many years): _____

Planned Upgrades (if any): _____

List of analysis products to be offered (Y/N):

Analysis centers must provide, at a minimum, the following products required by IERS in conformance with IERS standards and delivery schedules based on the global LAGEOS 1 & 2 SLR dataset. Associate Centers may, but are not required to, provide some or all of these parameters on an arbitrary schedule.

Earth rotation parameters (polar motion, LOD): _____

3-D Coordinates and velocities of global SLR tracking stations: _____

Geocenter coordinates: _____

High accuracy LAGEOS orbits: _____

Global SLR Station Quality Assessment _____

Please indicate which of the following optional services/scientific analyses you expect to perform routinely (R), occasionally (O), or not at all (N):

Determination of fundamental physical constants: _____

Combination and/or comparison of station coordinate solutions: _____

Determination of gravity field and temporal variations _____

Relativity studies _____

Nutation and precession parameters from LLR _____

Analysis of Earth Rotation Parameters (ERP) and other relevant time series _____

Satellite specific parameters _____ What parameter/satellite? _____

Atmospheric Parameters _____ Which parameters? _____

Ocean/Ice/Land Parameters _____ Which parameters? _____

Time bias monitoring of prediction sets _____

Regional/Subnetwork Station Data Quality Assessment _____ Region/Subnetwork _____

Other _____

Please indicate in the spaces below which of the following satellite orbits (if any) for which (1) you propose to generate and electronically post IRV's for acquisition by SLR sites (A), (2) routinely use in your scientific analyses (S), or (3) both (A/S):

Geodetic: LAGEOS____Starlette____Stella____AJISAI____ ETALON____GFZ-1____

Remote Sensing: TOPEX/POSEIDON____ERS____

Radionavigation: GPS____GLONASS____

Engineering/Special: MET2-FIZEAU____RESURS____

Moon:_____

Future/Other:_____

All analyses will be provided to the global scientific community: Yes____No____

If No, which will be excluded?_____

Analysis Products will be deposited in the following Data Center_____

Would you be willing to provide a representative to work on the Analysis Working Group? ____

Possible Candidates_____

Please add any other information concerning your capabilities and/or facilities you feel is relevant .